Colloids and Surfaces, 22 (1987) 337
Elsevier Science Publishers B.V., Amsterdam — Printed in The Netherlands

Author Index

Arends, J. 161
Bán, S. 301
Batta, G.N. 133
Bijsterbosch, B.H. 187
Boucher, E.A. 237
Bovkun, O.P. 9
Burry, W. 37
Buscher, H.J. 161
Chakarova, Sv.K. 311
Czarnecki, J. 207
De Groot, L.M. 271
Dhathathreyan, A. 81
Dimitrova, B.I. 311
Exerowa, D. 171
Fuerstenau, D.W. 87
Gill, R.I.S. 51
Haage, K. 215
Helsen, J.A. 271
Herrington, T.M. 51
Ivanov, I.B. 311
Jones, T.G.J. 237
Keller, Jr, D.V. 21, 37
Khristov, Khr. 171
Kip, G.A.M. 161
Koczó, K. 97
Kolarov, T. 147, 171
Lagaly, G. 225
Laskowski, J.S. 77
Lunkenheimer, K. 215
Markina, Z.N. 9
Matijević, E. 111
Mewis, J. 271
Miller, R. 215
Mühle, K. 249
Pálné Székely, A. 291
Paszli, I. 317
Pintér, J. 291
Platikanov, D. 147
Rácz, G. 97
Rohrsetzer, S. 301
Rudziński, W. 317
Schneider, H.A. 1
Uyen, H.M. 161
Van den Hoven, Th.J.J. 187
Vurdela, R.M. 77
Warszyński, P. 207
Wilhelmy, R.B. 111
Williams, M.C. 87
Wolf, G. 1
Wolfram, E. 291, 301, 317
Zadymova, N.M. 9
Zajac, J. 317
Zimehl, R. 225
Zimmermann, R. 1
Zorin, Z. 147

Colloids and Surfaces, 22 (1987) 338–340
Elsevier Science Publishers B.V., Amsterdam — Printed in The Netherlands

Subject Index

Acetic acid,
Instability of emulsion liquid films induced by transfer of — (Ivanov et al.) 311
Adhesive strength,
The effect of mechanical forces on — in bridging flocculation (Mühle) 249
Adsorption,
— of aminefluorides onto glass and the determination of surface free energy, zeta potential and adsorption layer thickness (Busscher et al.) 161
A study of fluorosurfactant — at the gelatin/air interface using contact angle and XPS measurements (Batts) 133
Heats of immersion in multilayer — from binary liquid mixtures on strongly heterogeneous solid surfaces (Rudziński et al.) 317
On the — properties of surface-chemically pure aqueous solutions of soluble n-alkyl-dimethyl and n-alkyl-diethyl phosphine oxides (Lunkenheimer et al.) 215
n-Alkyl-diethyl phosphine oxides,
On the adsorption properties on surface-chemically pure aqueous solutions of soluble n-alkyl-dimethyl and — (Lunkenheimer et al.) 215
Aminefluorides,
Adsorption of — onto glass and the determination of surface free energy, zeta potential and adsorption layer thickness (Busscher et al.) 161
Aqueous anionic surfactant,
Positively charged colloidal species in — solutions (Vurdela, Laskowski) 77
Axisymmetric edge contact,
Capillary phenomena. Part 27. Flotation of a solid rod, cone or spherical segment at a fluid/fluid interface making — (Boucher, Jones) 237
Binary liquid mixtures,
Heats of immersion in multilayer adsorption from — on strongly heterogeneous solid surfaces (Rudziński et al.) 317
Black foam films,
Direct measurement of disjoining pressure in — I. Films from an ionic surfactant (Exerowa et al.) 171
Calorimetric measurements,
— of the heat of solution and immersion of minerals in water using a new calorimetric vessel (Zimmermann et al.) 1
Capillary phenomena,
—. Part 27. Flotation of a solid rod, cone or spherical segment at a fluid/fluid interface making axisymmetric edge contact (Boucher, Jones) 237
Cationic character,
The flocculation of kaolin suspensions with cationic polyacrylamides of varying molar mass but the same — (Gill, Herrington) 51
Coagulation,
— of latex dispersions in the presence of some organic compounds (Zimehl, Lagaly) 225
Coal,
An investigation of a separation process involving liquid-water- — systems (Keller, Burry) 37
The contact angle of water on — (Keller) 21
Conductances,
Streaming currents, streaming potentials and — of concentrated dispersions of negatively-charged, monodisperse polystyrene particles. Effect of adsorbed tetraalkylammonium ions (Van den Hoven, Bijsterbosch) 187
Contact angle,
A study of fluorosurfactant adsorption at the gelatin/air interface using — and XPS measurements (Batts) 133
The — of water on coal (Keller) 21
Dielectric behaviour,
— of flowing thixotropic suspensions (Mewis et al.) 271
Diphilic substances,
Surface activity of — at different liquid interfaces (Markina et al.) 9
Disjoining pressure,
Direct measurement of — in black foam films. I. Films from an ionic surfactant (Exerowa et al.) 171
Emulsion liquid films,
Instability of — induced by transfer of acetic acid (Ivanov et al.) 311

Ferric phosphate,
Preparation and growth kinetics of monodispersed — hydrosols (Wilhelmy, Matijević) 111
Film flotation,
Characterization of the lyophobicity of particles by — (Fuerstenau, Williams) 87
Flocculation,
The effect of mechanical forces on adhesive strength in bridging — (Mühle) 249
The — of kaolin suspensions with cationic polyacrylamides of varying molar mass but the same cationic character (Gill, Herrington) 51
Flotation,
Capillary phenomena. Part 27. — of a solid rod, cone or spherical segment at a fluid-/fluid interface making axisymmetric edge contact (Boucher, Jones) 237
Fluid/fluid interface,
Capillary phenomena. Part 27. Flotation of a solid rod, cone or spherical segment at a — making axisymmetric edge contact (Boucher, Jones) 237
Fluorosurfactant,
A study of — adsorption at the gelatin/air interface using contact angle and XPS measurements (Batts) 133
Foam films,
Direct measurement of disjoining pressure in black —. I. Films from an ionic surfactant (Exerowa et al.) 171
Gelatin/air interface,
A study of fluorosurfactant adsorption at the — using contact angle and XPS measurements (Batts) 133
Glass,
Adsorption of aminefluorides onto — and the determination of surface free energy, zeta potential and adsorption layer thickness (Busscher et al.) 161
Growth kinetics,
Preparation and — of monodispersed feric phosphate hydrosols (Wilhelmy, Matijević) 111
Heats of immersion,
— in multilayer adsorption from binary liquid mixtures on strongly heterogeneous solid surfaces (Rudziński et al.) 317
Calorimetric measurements of the heat of solution and — of minerals in water using a new calorimetric vessel (Zimmermann et al.) 1
Heat of solution,
Calorimetric measurements of the — and immersion of minerals in water using a new calorimetric vessel (Zimmermann et al.) 1
Hydrosols,
Preparation and growth kinetics of monodispersed ferric phosphate — (Wilhelmy, Matijević) 111
Kaolin suspensions,
The flocculation of — with cationic polyacrylamides of varying molar mass but the same cationic character (Gill, Herrington) 51
Latex dispersions,
Coagulation of — in the presence of some organic compounds (Zimehl, Lagaly) 225
Liquid bridge systems,
Influence of oil-soluble surfactants upon two-fluid — (Pintér et al.) 291
Liquid imbibition,
The condition of starting of - in powders (Bán et al.) 301
Lyophobicity,
Characterization of the — of particles of by film flotation (Fuerstenau, Williams) 87
Oil-soluble surfactants,
Influence of — upon two-fluid liquid bridge systems (Pintér et al.) 291
Particle deposition process,
The evaluation of tangential forces due to surface inhomogeneties — (Czarnecki, Warszyński) 207
Plateau border,
Flow in a — (Koczo, Rácz) 97
Polyacrylamides,
The flocculation of kaolin suspensions with cationic — of varying molar mass but the same cationic character (Gill, Herrington) 51
Polynucleotide,
Surface pressure and surface potential isotherms of some — monolayers (Dhathathreyan) 81
Polystyrene,
Streaming currents, streaming potentials and conductances of concentrated dispersions of negatively-charged, monodisperse

— particles. Effect of adsorbed tetraalkylammonium ions (Van den Hoven, Bijsterbosch) 187
Positively charged colloidal species,
— in aqueous anionic surfactant solutions (Vurdela, Laskowski) 77
Quartz,
The transition region between aqueous wetting films on — and the adjacent meniscus (Zorin et al.) 147
Streaming currents,
—, streaming potentials and conductances of concentrated dispersions of negatively-charged, monodisperse polystyrene particles. Effect of adsorbed tetraalkylammonium ions (Van den Hoven, Bijsterbosch) 187
Surface activity,
— of diphilic substances at different liquid interfaces (Markina et al.) 9
Surface free energy,
Adsorption of aminefluorides onto glass and the determination of —, zeta potential and adsorption layer thickness (Busscher et al.) 161
Surface potential,
Surface pressure and — isotherms of some polynucleotide monolayers (Dhathathreyan) 81
Surface pressure,
— and surface potential isotherms of some polynucleotide monolayers (Dhathathreyan) 81
Tangential forces,
The evaluation of — due to surface inhomogeneties in particle deposition process (Czarnecki, Warszyński) 207
Tetraalkylammonium,
Streaming currents, streaming potentials and conductances of concentrated dispersions of negatively-charged, monodisperse polystyrene particles. Effect of adsorbed — ions (Van den Hoven, Bijsterbosch) 187
Thixotropic suspensions,
Dielectric behaviour of flowing — (Mewis et al.) 271
Wetting films,
The transition region between aqueous — on quartz and the adjacent meniscus (Zorin et al.) 147
XPS,
A study of fluorosurfactant adsorption at the gelatin/air interface using contact angle and — measurements (Batts) 133
Zeta potential,
Adsorption of aminefluorides onto glass and the determination of surface free energy, — and adsorption layer thickness (Busscher et al.) 161